10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ANXA5 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2058a

Product Information

Application	WB, FC, ICC, E
Primary Accession	P08758
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Clone Names	3B9B7
Isotype	IgG1
Calculated MW	35937
Description	The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa.
Immunogen	Purified recombinant fragment of human ANXA5 (AA: 160-320) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	308
Other Names	Annexin A5, Anchorin CII, Annexin V, Annexin-5, Calphobindin I, CBP-I, Endonexin II, Lipocortin V, Placental anticoagulant protein 4, PP4, Placental anticoagulant protein I, PAP-I, Thromboplastin inhibitor, Vascular anticoagulant-alpha, VAC-alpha, ANXA5, ANX5, ENX2, PP4
Dilution	WB~~1/500 - 1/2000 FC~~1/200 - 1/400 ICC~~N/A E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ANXA5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ANXA5
Synonyms	ANX5, ENX2, PP4
Function	This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.

References

1.Klin Lab Diagn. 2013 Apr;(4):9-10.2.Mech Ageing Dev. 2012 Jul;133(7):508-22.

Images

